

0931331-03304
T0330T0330

1 1. A display comprising:
2 a plurality of substrates;
3 a plurality of display elements formed on each
4 substrate;
5 an integrated circuit block attached to each
6 substrate and coupled to at least one of said display
7 elements; and
8 an integrator to couple said substrates to form a
9 tiled display.

1 2. The display of claim 1 wherein said display
2 element is a light emitting diode.

1 3. The display of claim 2 wherein said element is an
2 organic light emitting diode.

1 4. The display of claim 1 wherein said integrated
2 circuit block is a complementary metal oxide semiconductor
3 integrated circuit.

1 5. The display of claim 1 wherein said substrate
2 includes a recess to receive said block.

1 6. The display of claim 5 wherein said block and
2 said substrate and complementarily shaped.

1 7. The display of claim 1 wherein said block is a
2 driver circuit for said display element.

1 8. The display of claim 7 wherein said block is
2 located between a plurality of display elements.

1 9. The display of claim 1 wherein said block is
2 metallized with said substrate.

1 10. The display of claim 1 including a ceramic back
2 plane and a front plane including said block.

1 11. The display of claim 1 wherein said block is
2 formed of a silicon substrate and said substrate is formed
3 of glass.

1 12. A display comprising:
2 a back plane;
3 an optical integrator; and
4 a front plane between said back plane and said
5 optical integrator, said front plane including a plurality
6 of emissive display elements formed on said front plane and
7 an integrated circuit block secured in said front plane and
8 including driver circuits coupled to said display elements
9 and to said back plane.

1 13. The display of claim 12 wherein said display
2 elements are light emitting diodes.

1 14. The display of claim 13 wherein said elements are
2 organic light emitting diodes.

1 15. The display of claim 12 wherein said block is
2 formed of a metal oxide semiconductor integrated circuit
3 and said front plane is formed of glass.

1 16. The display of claim 12 wherein said block is
2 deposited in a recess formed in said front plane.

1 17. The display of claim 12 wherein said driver
2 circuit drives a plurality of adjacent display elements.

1 18. A method comprising:
2 forming a plurality of light emitting display
3 elements on a module;
4 forming recesses in said module to receive
5 integrated circuit nanoblocks;
6 depositing said nanoblocks in said recesses;
7 electrically coupling said nanoblocks to said
8 display elements; and
9 connecting a plurality of modules to form a tiled
10 display.

